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February 16, 1999

Via Express Mail; Receipt # EM395855924US

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is information regarding patent application of:

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| | |
|----------------------|---|
| Inventor: | Claudio R. Ballard |
| Serial No.: | 09/081,012 |
| Filed: | May 19, 1998 |
| Art Unit: | 3642 |
| Examiner: | Not yet assigned |
| Title: | REMOTE IMAGE CAPTURE WITH CENTRALIZED PROCESSING AND STORAGE |
| Attorney Docket No.: | 2000976-0012 (previously 2000976-0009) |

Enclosed herewith are:

- ✗ Petition to Make Special under 37 CFR §1.182 and §1.183;
- ✗ Copy of Supplemental Power of Attorney as originally filed;
- ✗ Information Disclosure Statement with References;
- ✗ PTO-1449 (modified);
- ✗ Copy of Preliminary Amendment filed February 5, 1999;
- ✗ Copy of Second Preliminary Amendment filed February 9, 1999;
- ✗ Check in the amount of \$130.00;
- ✗ Express Mail Certificate; and
- ✗ A self-addressed stamped return postcard.

The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Account No. 13-0437. Two additional copies of this sheet are attached.

Respectfully submitted,

By: 

Mark A. Taylor
Attorney for Applicant
Registration No. 35,706

Certification Under 37 C.F.R. 1.10

EXPRESS MAIL

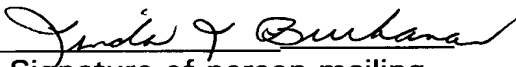
Enclosed for filing is a Petition to Make Special under 37 CFR §1.182 and § 1.183 in connection with the patent application of Claudio R. Ballard for a REMOTE IMAGE CAPTURE WITH CENTRALIZED PROCESSING AND STORAGE (Attorney Docket No. 2000976-0012, previously 2000976-0009), Serial No. 09/081,012, along with a transmittal letter, a copy of the Supplemental Power of Attorney as originally filed; Information Disclosure Statement with References; PTO-1449 (Modified); copy of Preliminary Amendment filed February 5, 1999; copy of Second Preliminary Amendment filed February 9, 1999; a check in the amount of \$130.00 to cover fees; express mail certificate and a self-addressed stamped return postcard.

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Date of Deposit 02/16/1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

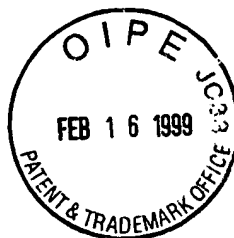
Linda L. Buchanan
(Name of Person Mailing Paper or Fee)


Signature of person mailing

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the patent
application of: Claudio R. Ballard

Serial No.: 08/ 917,761
Filed: August 27, 1997
Art Unit: 3642
Examiner: Carter, M.
Attorney Docket No.: 2000976-0009
For: REMOTE IMAGE CAPTURE WITH CENTRALIZED
PROCESSING AND STORAGE



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Commissioner for Patents
Washington, D.C. 20231

Group 2700

SUPPLEMENTAL POWER OF ATTORNEY

Sir:

I hereby appoint J. Michael Martinez de Andino, Reg. No. 37,178, Mark A. Taylor, Reg. No. 35,706; Philip D. Lane, Reg. No. 41,140 and David E. Baker, 42,285, all attorneys of the firm of McGuire, Woods, Battle & Boothe LLP, One James Center, 901 East Cary Street, Richmond, Virginia 23219, telephone number (804) 775-1033, as supplemental attorneys to prosecute the application identified above and transact all business in the Patent and Trademark Office connected therewith.

I represent the assignee of record of the entire interest. A certificate under 37 CFR Section 3.73(b) is enclosed.

Respectfully submitted,

A handwritten signature in black ink that reads "Claudio R. Ballard".

Claudio R. Ballard
President
CSP Holdings, LLC

Correspondence directed to:
J. Michael Martinez de Andino, Esquire
McGuire Woods Battle & Boothe LLP
One James Center
901 East Cary Street
Richmond, Virginia 23219-4030
Telephone: (804) 775-1033

ENCLOSURE: Supplemental Power of Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the US Patent Application of:

COPY

Claudio R. Ballard
Serial No.: 09/081,012
Filed: May 18, 1998
Art Unit: Not yet assigned
Examiner: Not yet assigned
For: REMOTE IMAGE CAPTURE WITH CENTRALIZED
PROCESSING AND STORAGE
Atty. Docket No.: 2000976-0009

February 5, 1999

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Preliminary to the examination of the above-captioned application, it is respectfully requested that the following amendments be entered:

In The Claims:

Please amend the claims as follows:

1. (Amended) A system for central management, storage and report generation of remotely captured paper transactions from [documents and receipts] checks comprising:

one or more remote data access subsystems for capturing and sending paper transaction data including a payer bank's identification number, a payer bank's routing number, a payer bank's routing information, a payer's account number, a payer's check, a payer bank's draft, a check amount, a payee bank's identification number, a payee bank's routing information, and a payee's account number, and further including subsystem identification information comprising at least one imaging subsystem for capturing the checks and at least one data access controller for managing the capturing and sending of the transaction data;

at least one central data processing subsystem for processing, sending, verifying and storing the paper transaction data and the subsystem identification

information comprising a management subsystem for managing the processing, sending and storing of the of the transaction data; and

at least one communication network for the transmission of the transaction data within and between said one or more data access subsystems and said at least one data processing subsystem, with the data access subsystem providing encrypted subsystem identification information and encrypted paper transaction data to the data processing subsystem.

26. (Amended) A method for central management, storage and verification of remotely captured paper transactions from [documents and receipts] checks comprising the steps of:

capturing an image of [and sending] the paper transaction data at one or more remote locations said transaction data including a payer bank's identification number, a payer bank's routing number, a payer bank's routing information, a payer's account number, a payer's check, a payer bank's draft, a check amount, a payee bank's identification number, a payee bank's routing information, and a payee's account number; and sending a captured image of the paper transaction data;

managing the capturing and sending of the transaction data;

collecting, processing, sending and storing the transaction data at a central location;

managing the collecting, processing, sending and storing of the transaction data;

encrypting subsystem identification information and the transaction data; and transmitting the transaction data and the subsystem identification information within and between the remote location(s) and the central location.

42. (Amended) A communication network for the transmission of data within and between one or more remote data processing subsystems, at least one intermediate data collecting subsystem and at least one central subsystem forming a tiered architecture wherein each of said at least one central data processing subsystem communicate with a corresponding some of said at least one data collecting subsystem and each of said at least one data collecting subsystem

communicate with a corresponding some of said one or more data processing subsystems, said data processing subsystem including an imaging subsystem for capturing images of checks, comprising:

at least one first local area network for transmitting data including a payer bank's identification number, a payer bank's routing number, a payer bank's routing information, a payer's account number, a payer's check, a payer bank's draft, a check amount, a payee bank's identification number, a payee bank's routing information, and a payee's account number, within a corresponding one of said one or more remote subsystems;

at least one second local area network for transmitting data within a corresponding one of said at least one intermediate subsystem;

at least one third local area network for transmitting data within a corresponding one of said at least one central subsystem; and

at least one wide area network for transmitting data between said one or more remote subsystems, said at least one intermediate subsystem and said at least one central subsystem.

46. (Amended) A method for transmitting data within and between one or more remote subsystems, at least one intermediate subsystem and at least one central subsystem in a tiered manner wherein each of the central subsystems communicate with at least one [a corresponding some of the] intermediate subsystem[s] and each of the intermediate subsystems communicate with at least one [a corresponding some of the] remote subsystem[s] comprising the steps of:

capturing an image of checks and extracting data therefrom, said data including a payer bank's identification number, a payer bank's routing number, a payer bank's routing information, a payer's account number, a payer's check, a payer bank's draft, a check amount, a payee bank's identification number, a payee bank's routing information, and a payee's account number, and further including:

transmitting data within the remote locations;

transmitting data from each remote location to a corresponding intermediate location;

transmitting data within the intermediate locations;

transmitting data from each intermediate location to corresponding central locations; and
transmitting data within the central locations.

Please cancel claim 52.

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REMARKS

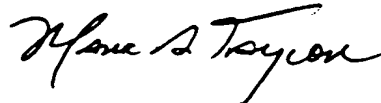
Entry of the present amendment is respectfully requested prior to examination of the present application.

Claims 1-51 are presented in the present application, claim 52 having been cancelled by the present amendment. The present amendment acts to more clearly define the subject matter of the present application and presents no new matter.

Applicant also encloses herewith a copy of a Supplemental Power of Attorney filed in the parent case for the Examiner's convenience.

It is believed that the present application is in condition for allowance. Nevertheless, should issues arise, it is respectfully requested that the Examiner telephone the undersigned to resolve those issues in a timely manner.

Respectfully submitted,



Mark A. Taylor
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the US Patent Application of:

Serial No.: Claudio R. Ballard
Filed: 09/081,012
Art Unit: May 18, 1998
Examiner: Not yet assigned
For: Not yet assigned
Atty. Docket No.: REMOTE IMAGE CAPTURE WITH CENTRALIZED
PROCESSING AND STORAGE
2000976-0009

COPY

February 9, 1999

SECOND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Preliminary to the examination of the above-captioned application, it is respectfully requested that the following amendments be entered:

In The Claims:

Please add new claims 54-57 as follows:

54. A system for central management, storage and report generation of remotely captured paper transactions from checks comprising:

one or more remote data access subsystems for capturing and sending paper transaction data and verifying transaction data from the checks comprising at least one imaging subsystem for capturing the checks and at least one data access controller for managing the capturing and sending of the transaction data;

at least one central data processing subsystem for processing, sending, verifying and storing the paper transaction data and the subsystem identification information comprising a management subsystem for managing the processing, sending and storing of the of the transaction data; and

at least one communication network for the transmission of the transaction data within and between said one or more data access subsystems and said at least

one data processing subsystem, with the data access subsystem providing encrypted subsystem identification information and encrypted paper transaction data to the data processing subsystem.

55. A method for central management, storage and verification of remotely captured paper transactions from checks comprising the steps of:

- capturing an image of the check at one or more remote locations and sending a captured image of the check;

- managing the capturing and sending of the transaction data;

- collecting, processing, sending and storing the transaction data at a central location;

- managing the collecting, processing, sending and storing of the transaction data;

- encrypting subsystem identification information and the transaction data;

- verifying the transaction data from the check; and

- transmitting the transaction data and the subsystem identification information within and between the remote location(s) and the central location.

56. A communication network for the transmission of data within and between one or more remote data processing subsystems, at least one intermediate data collecting subsystem and at least one central subsystem forming a tiered architecture wherein each of said at least one central data processing subsystem communicate with a corresponding some of said at least one data collecting subsystem and each of said at least one data collecting subsystem communicate with a corresponding some of said one or more data processing subsystems, said data processing subsystem including an imaging subsystem for capturing images of checks and verifying the checks, comprising:

- at least one first local area network for transmitting data within a corresponding one of said one or more remote subsystems;

- at least one second local area network for transmitting data within a corresponding one of said at least one intermediate subsystem;

at least one third local area network for transmitting data within a corresponding one of said at least one central subsystem; and

at least one wide area network for transmitting data between said one or more remote subsystems, said at least one intermediate subsystem and said at least ~~one central subsystem.~~

57. A method for transmitting data within and between one or more remote subsystems, at least one intermediate subsystem and at least one central subsystem in a tiered manner wherein each of the central subsystems communicate with at least one intermediate subsystem and each of the intermediate subsystems communicate with at least one remote subsystem comprising the steps of:

capturing an image of checks and extracting data therefrom;

verifying the extracted check data;

transmitting data within the remote locations;

transmitting data from each remote location to a corresponding intermediate location;

transmitting data within the intermediate locations;

transmitting data from each intermediate location to corresponding central locations; and

transmitting data within the central locations.

REMARKS

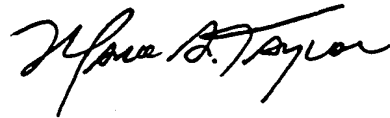
Entry of the present amendment is respectfully requested prior to examination of the present application.

Claims 1-57 are presented in the present application, claims 54-57 having been added by the present amendment. The present amendment acts to more clearly define the subject matter of the present application and presents no new matter.

Applicant also encloses herewith a copy of a Supplemental Power of Attorney filed in the parent case for the Examiner's convenience.

It is believed that the present application is in condition for allowance. Nevertheless, should issues arise, it is respectfully requested that the Examiner telephone the undersigned to resolve those issues in a timely manner.

Respectfully submitted,



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